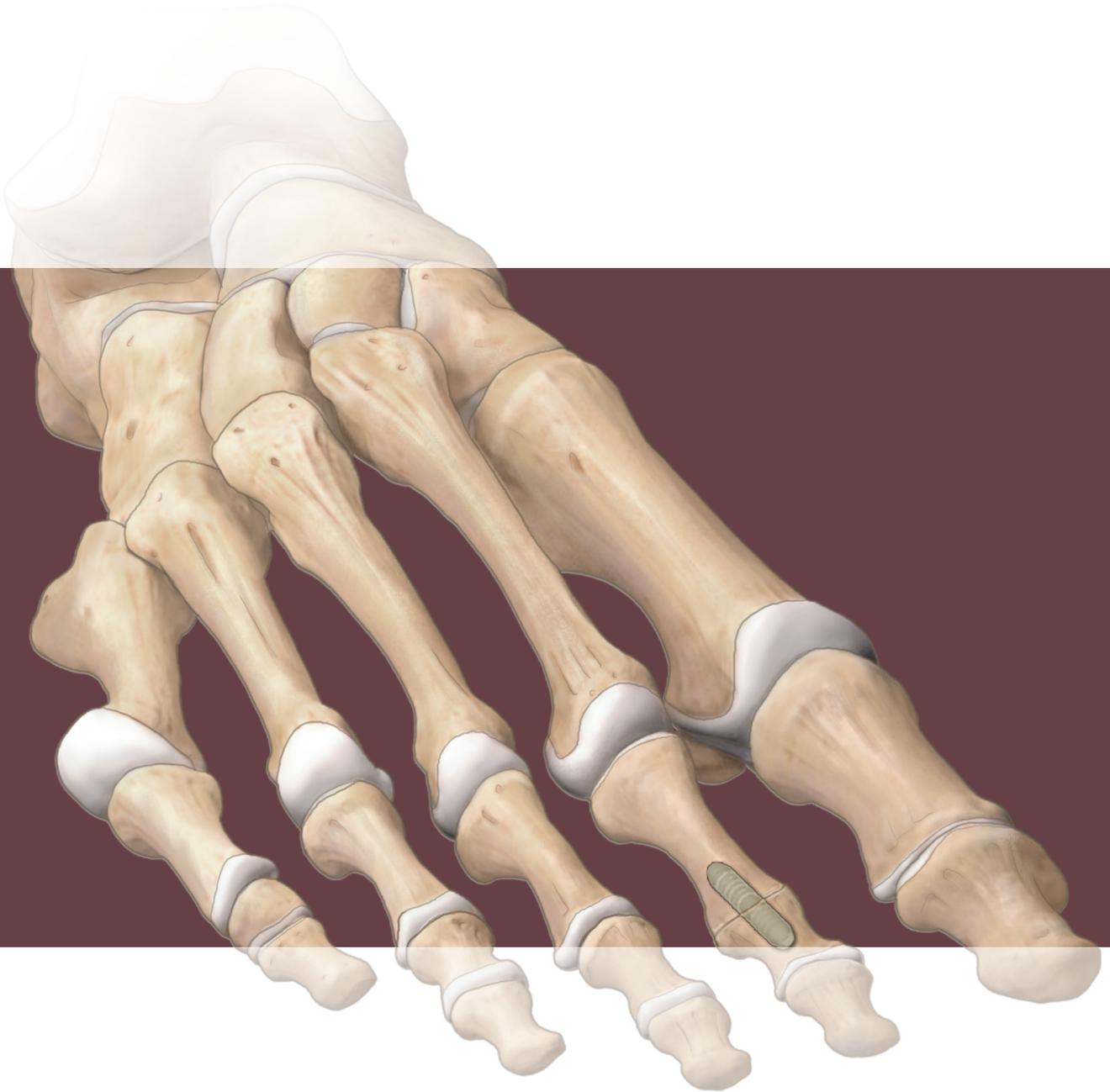


AlloSync™ Bone Dart for Hammertoe PIP Arthrodesis

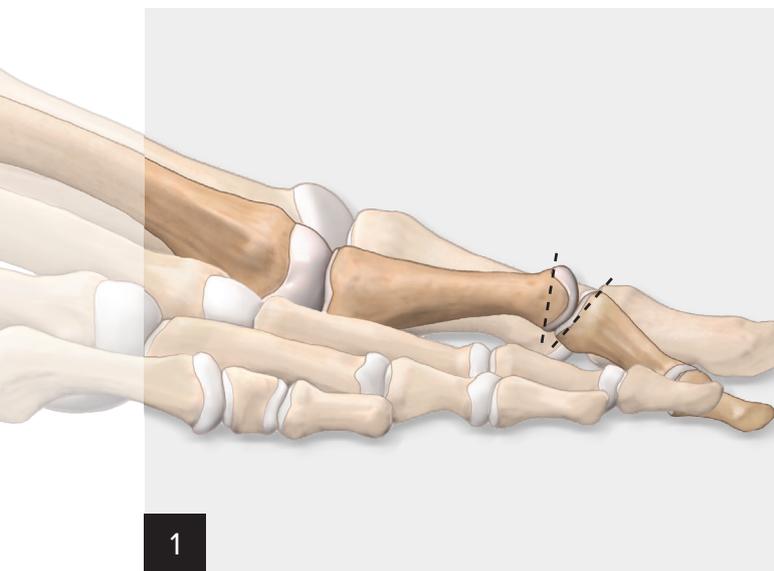
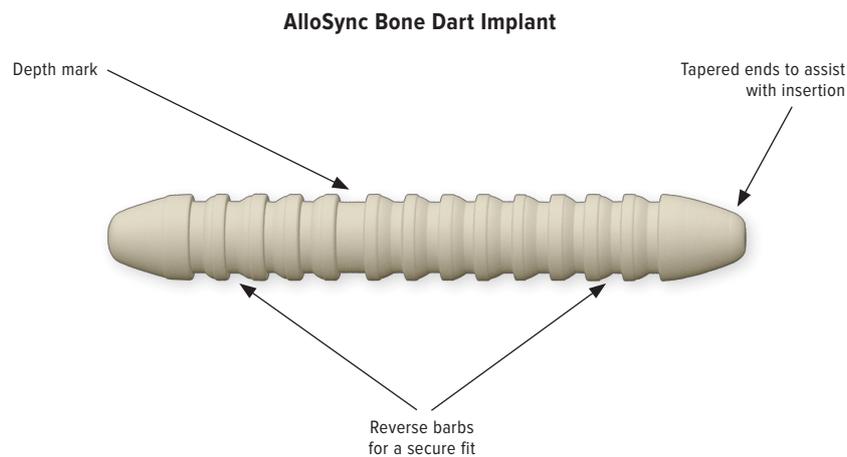
Surgical Technique



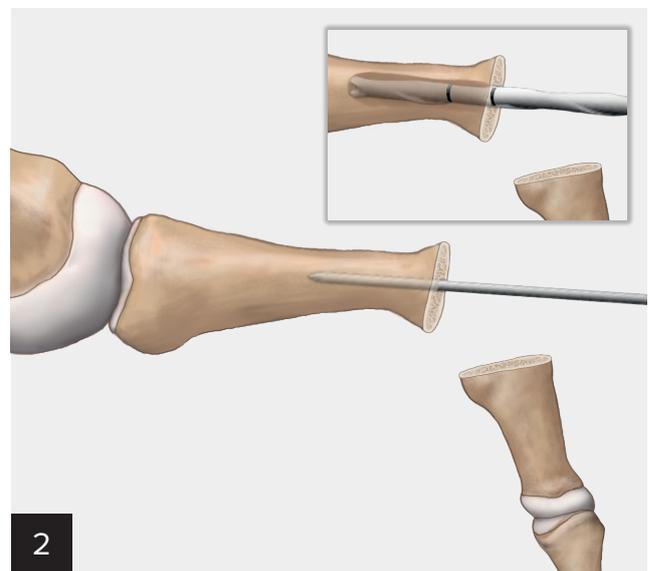
AlloSync™ Bone Dart for Hammertoe PIP Arthrodesis

The AlloSync bone dart implant is a biologic alternative to traditional hammertoe implants. Made from allograft bone, AlloSync bone dart implants provide an optimal scaffold for bone incorporation and may reduce the potential complications of future hardware removal from hammertoe PIP arthrodesis.

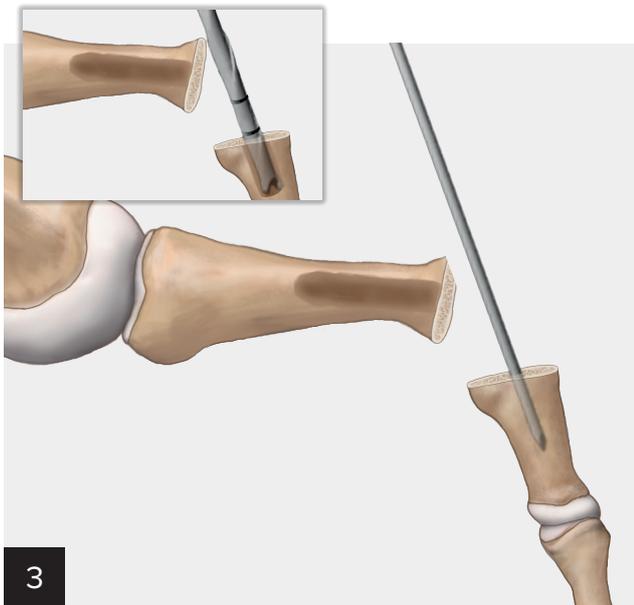
AlloSync bone dart implants were manufactured with numerous design characteristics to make them effective and easy to use. The reversed barbs were created to ensure the implant stays in place. Tapered ends and a depth mark were incorporated into the design to make implantation easier. Soaking the implant in ACP/PRP or bone marrow concentrate will allow for the patient's own growth factors and cells to assist with the healing process.



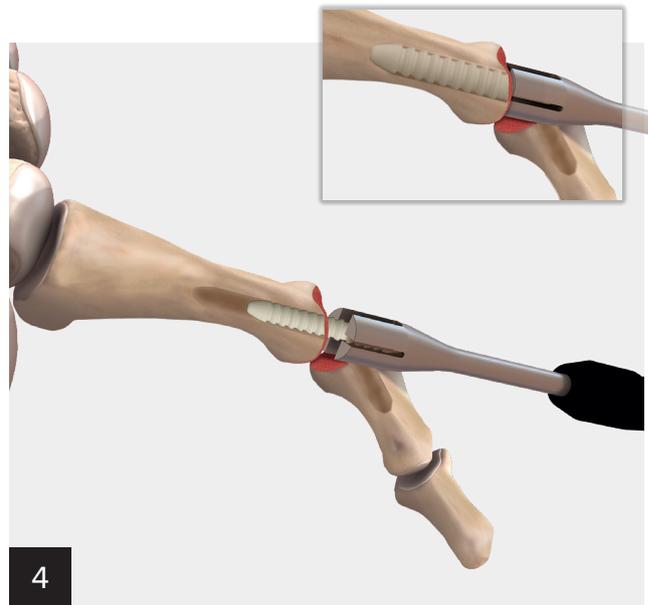
Prepare the surgical site by resecting both sides of the joint with an oscillating saw or rongeur.



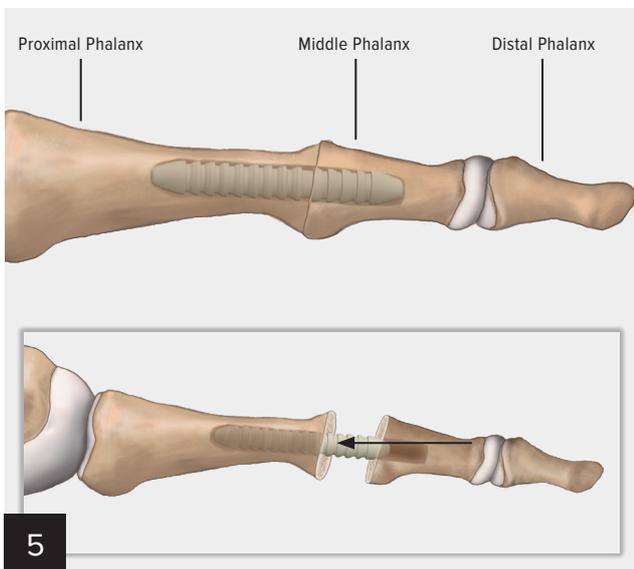
After resecting both sides of the joint with an oscillating saw or rongeur, use the 1.1 mm guidewire to predrill the pilot hole. After the pilot hole is created, the 2.7 mm or 3.0 mm drill bit can be selected, depending on bone quality. Advance the drill to the desired depth or a maximum depth of 15 mm. In this illustration, the depth is measured at 14 mm. The profile drill can be used to dilate the opening of the hole for ease of insertion.



Drill through the middle phalanx up to, but not through, the DIP joint to a maximum depth of 10 mm. Measure and note depth. In this illustration, the length drilled in the middle phalanx is 8 mm.



Place the AlloSync bone dart into the inserter. Avoid inverting the inserter once loaded to prevent the graft from falling. Insert the proximal portion of the AlloSync™ bone dart into the proximal phalanx by applying gentle force to the end of the inserter. **Note: If the dart cannot be inserted manually due to hard bone, use the profile drill until the dart can be inserted with minimal force.**



Using mosquito forceps, hold the dart firmly at the tip. Once the tip enters into the middle phalanx, firmly compress the middle phalanx onto the proximal phalanx until the joint is flush. The fusion repair is complete.

Ordering Information

Product Description	Item Number
AlloSync Bone Dart, 3 mm × 22 mm	ABS-2802
Disposables Kit	ABS-2802DS
2.5 mm Drill Bit, cannulated	
2.7 mm Drill Bit, cannulated	
3.0 mm Drill Bit, cannulated	
1.1 mm Guidewire	
Profile Drill	
Insertor	



This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.

View U.S. patent information at www.arthrex.com/corporate/virtual-patent-marking

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